

**Amendments to the Claims:**

Please amend Claims 1 to 9, 11, 14 to 17, 19 and 20 as shown below. This listing of claims will replace all prior versions and listings of claims in the specification:

**Listing of Claims:**

1. (Currently Amended) A ceramic block with a built in electrode comprising:  
a first insulating ceramic sheet having a bearing surface;  
a sheet electrode having an inner edge and extending ~~spreading out~~ generally parallel to the bearing surface;  
a second insulating ceramic sheet disposed to enclose ~~enclosing~~ the sheet electrode between the second insulating ceramic sheet and ~~together with~~ the first insulating ceramic sheet; and  
a drawn-out ~~drawn-out~~ conductor for supplying voltage to the sheet electrode, the drawn-out ~~drawn-out~~ conductor extending through the second insulating ceramic sheet and being connected to the inner edge of the sheet electrode.
2. (Currently Amended) The ceramic block with a built in electrode of claim 1, wherein the drawn-out ~~drawn-out~~ conductor is a thin film.
3. (Currently Amended) The ceramic block with a built in electrode of claim 2, wherein the drawn-out ~~drawn-out~~ conductor has a thickness of 2 - 150 $\mu$ m.
4. (Currently Amended) The ceramic block with a built in electrode of claim 1, wherein the drawn-out ~~drawn-out~~ conductor is tubular.
5. (Currently Amended) The ceramic block with a built in electrode of claim 4, wherein the drawn-out ~~drawn-out~~ conductor is cylindrical.

6. (Currently Amended) The ceramic block with a built in electrode of claim 1, wherein the drawn-out ~~drawn-out~~ conductor is connected to the sheet electrode so that the drawn-out connector is as to form a perpendicular to the sheet electrode corner.

7. (Currently Amended) The ceramic block with a built in electrode of claim 1, wherein the second insulating ceramic sheet has a through hole through which the drawn-out ~~drawn-out~~ conductor passes.

8. (Currently Amended) The ceramic block with a built in electrode of claim 7, wherein the drawn-out ~~drawn-out~~ conductor is attached to an inner wall of the through hole.

9. (Currently Amended) The ceramic block with a built in electrode of claim 7, further comprising an insulating ceramic shaft that is fitted into the through hole.

10. (Original) The ceramic block with a built in electrode of claim 7, wherein the inner edge of the sheet electrode is formed along the opening of the through hole.

11. (Currently Amended) A method of manufacturing a ceramic block with a built in electrode comprising the steps of:

forming a first insulating ceramic sheet having a bearing surface;

forming a second insulating ceramic sheet having a through hole;

forming a sheet electrode~~[[,]]~~ on the surface of at least one of the first and second insulating ceramic sheets ~~sheet~~ and extending ~~spreading~~ generally parallel to the bearing surface;

forming a drawn-out ~~drawn-out~~ conductor on an inner wall of the through hole;

forming a laminated body comprising ~~of~~ the first and second insulating ceramic sheets; and

firing the laminated body comprising ~~of~~ the first and second insulating ceramic sheets.

12. (Original) The method of manufacturing a ceramic block with a built in electrode of claim 11, further comprising a step of fitting an insulating ceramic shaft into the through hole.

13. (Original) The method of manufacturing a ceramic block with a built in electrode of claim 12, wherein the insulating ceramic shaft is made from the same material as the first and second insulating ceramic sheets.

14. (Currently Amended) The method of manufacturing a ceramic block with a built in electrode of claim 11, wherein the step of forming a sheet electrode includes a step of applying a coat of ~~coating~~ a conductive paste.

15. (Currently Amended) The method of manufacturing a ceramic block with a built in electrode of claim 11, wherein the step of forming a drawn-out ~~drawn-out~~ conductor includes a step of applying a coat of ~~coating~~ a conductive paste.

16. (Currently Amended) The method of manufacturing a ceramic block with a built in electrode of claim 15, wherein the step of forming a drawn-out ~~drawn-out~~ conductor further includes a step of drying the ~~the~~ [[a]] conductive paste.

17. (Currently Amended) The method of manufacturing a ceramic block with a built in electrode of claim 16, further comprising a step of fitting a ceramic shaft into the through hole after the step of drying the ~~the~~ [[a]] conductive paste.

18. (Original) The method of manufacturing a ceramic block with a built in electrode of claim 11, wherein the sheet electrode has a thickness of 2 - 150 $\mu$ m.

19. (Currently Amended) The method of manufacturing a ceramic block with a built in electrode of claim 11, wherein the drawn-out ~~drawn-out~~ conductor has a thickness of 2 - 150 $\mu$ m.

20. (Currently Amended) The method of manufacturing a ceramic block with a built in electrode of claim 11, wherein a cold isostatic press is used in the step of forming a laminated body.